

Region 3 GPRA 2020 Baseline RCRA Corrective Action Facility

FEC Bioremediation Facility (Formerly First Energy Corporation)

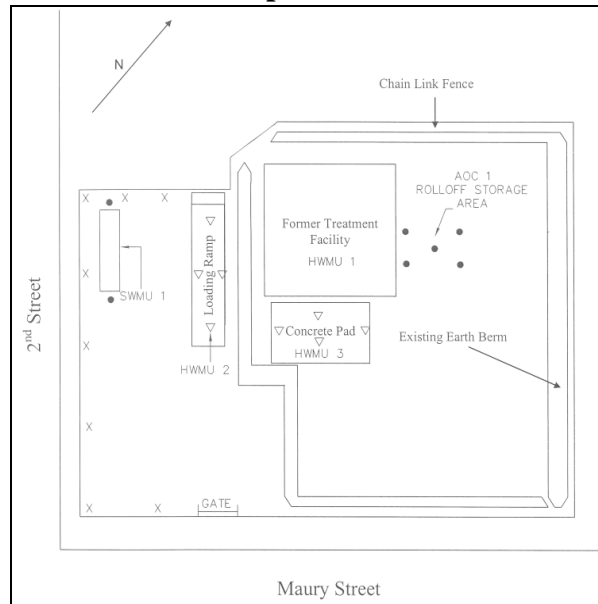
2nd and Maury Streets
Richmond, VA 23224
Congressional District 3
EPA ID Number: VAD086293719
Last Updated: 01/08/2009

Topographic Site Map



Richmond, VA USGS Quadrangle (1964, Photorevised 1994),
Scale = 1:2,000

Partial Site Map



Scale= 1:40

Current RCRA CA Activities

The EPA Region III has delegated the Virginia Department of Environmental Quality (DEQ) as the lead agency for oversight of corrective action (CA) at the FEC Bioremediation (FEC) Facility in Richmond, Virginia, under the Resource Conservation and Recovery Act (RCRA).

The FEC facility site is on the RCRA CA 2020 GPRA Baseline Universe List (2020 CA Universe List) and was ranked as a low priority site under the National Corrective Action Prioritization System (NCAPS).

The CA investigations and any necessary clean up activities at the facility are being implemented in accordance with the conditions and requirements of a Consent Agreement/Consent Order (CA/CO) issued to the facility by the Environmental Protection Agency Region III (EPA) and a Facility Lead Agreement (FLA) between the facility and the EPA. The CA/CO was issued on June 14, 1999. The FEC facility submitted a letter of commitment and entered into a FLA with the U.S. EPA Region III on April 21, 2008.

FEC completed the tasks outlined in the CA/CO in 1999, and submitted documentation to the EPA and DEQ. The EPA then responded with a letter dated December 28, 1999, acknowledging completion of compliance tasks.

During a June 28, 2006, a corrective action site visit conducted by the EPA and DEQ, four (4) Solid Waste Management Units (SWMUs) and one (1) Area of Concern (AOCs) were identified. A Sampling and Analysis Plan was submitted on June 15, 2007, to address the four SWMUs and one AOC identified during the RCRA site visit. The Sampling and Analysis plan was approved on January 30, 2008.

When FEC entered into FLA with the EPA, FEC submitted to the DEQ, a *Closure Plan & Phase I RFI Work Plan*, dated July 2008 (Closure Plan), which was received on July 21, 2008. The Phase I RFI Work Plan was a requirement under the FLA.

The DEQ issued a Notice of Deficiency (NOD) on the *Closure Plan & Phase I RFI Work Plan* by DEQ correspondence, dated on August 21, 2008. On September 19, 2008, FEC provided a response to DEQ's NOD.

On November 17, 2008, the DEQ requested additional information based on risk assessor's and new project manager's review comments on the Closure Plan. A meeting is scheduled with the facility on January 14, 2009, to resolve any outstanding issues with the *Closure Plan & Phase I RFI Work Plan*.

Site Description

FEC Bioremediation Facility (formerly known as First Energy Corporation) is located at the northeast intersection of 2nd and Maury Streets in Richmond, Virginia. The site is located in a primarily commercial and industrial area on a completely fenced one acre lot. The topography of the site is relatively flat with a slight downgrade toward the southeast

FEC is a subsidiary of the Parker Oil Company and was founded in 1977. A full service petroleum terminal is operated by FEC east of the site. FEC leased the location to the Environmental Restoration Corporation (ERC) which constructed a pretreatment facility on the site in the 1990's. The facility consists of a 5000 square foot building in the center of the site, a trailer used to store tools and supplies, two concrete containment areas and a gravel covered area.

ERC treated wastewater in tanks using microorganisms to remove contaminants. The treated wastewater was then discharged to the City of Richmond publicly owned treatment works (POTW) sanitary sewer in accordance with a pretreatment permit.

Operational and legal issues arose within the management of ERC resulting in the site being abandoned in 1995 leaving FEC responsible for the cleanup and decommissioning of the facility.

RCRA CA Milestones

To date, the following RCRA CA milestones have been completed at this facility:

- On May 14, 1996, closure plan for FEC, which was submitted November 17, 1995, was approved by the DEQ.
- On May 1, 1998, the facility was ranked as a “low” priority site according to the National Corrective Action Prioritization System.
- On June 14, 1999, EPA and FEC entered into a Consent Agreement/Consent Order.
- On December 28, 1999, the EPA issued a letter to FEC acknowledging compliance tasks in the CA/CO complete.
- On June 28, 2006 EPA, DEQ and FEC met at the facility for a RCRA site visit. The visit resulted in four (4) SWMUs and one (1) AOC being identified.
- On January 20, 2008, DEQ approved the Sampling and Analysis Plan (SAP), submitted June 15, 2007, as a revision of the Closure Plan.
- On April 21, 2008, EPA and FEC enter into a Facility Lead Agreement (FLA).
- On July 21, 2008, FEC submitted *Closure Plan & Phase I RFI Work Plan*, dated July 2008 (Closure Plan), incorporating the Closure Plan, SAP, and Phase I RFI Work Plan into one document.
- On August 21, 2008, the DEQ issued a Notice of Deficiency (NOD) on the Closure Plan.
- On September 19, 2008, FEC provided a response to DEQ’s NOD.
- On November 17, 2008, the DEQ requested additional information based on risk assessor’s and new project manager’s review comments on the Closure Plan.

Details and the supporting documentation regarding the above can be obtained by reviewing the files at DEQ’s Central Office or by contacting the project managers identified in this fact sheet.

Environmental Indicator Status

Under the Government Performance and Results Act (GPRA), the Environmental Protection Agency (EPA) set national goals to address high priority RCRA CA facilities by the year 2008 and medium/low facilities by 2020. The facility has been ranked as a low priority facility and is on the RCRA Corrective Action GPRA Baseline List (CA2020 CA Universe List).

The EPA is evaluating two key indicators for each facility: *Current Human Exposures Under Control* and *Migration of Contaminated Groundwater Under Control*.

The current Environmental Indicator Status for this facility is:

- *Human Exposures Controlled Determination:* The DEQ has not yet made a Human Health Environmental Indicators (HHEI) determination for the Facility. Additional information is needed to formally determine if current human exposures are controlled. The HHEI determination is scheduled to be completed by September 30, 2009.
- *Release to Groundwater Controlled Determination:* The DEQ has not yet made the Groundwater Environmental Indicators (GWEI) determination for the facility. Additional information is needed to formally determine if groundwater releases are controlled. The GWEI determination is scheduled to be completed by September 30, 2009.

Contaminants

No contaminants have been identified at FEC pending investigation of the SWMUs and AOCs identified in the Closure and Sampling and Analysis Plans.

Institutional Controls

The FEC Bioremediation facility is currently under a Consent Agreement/Consent Order and Facility Lead Agreement with the EPA.

Community Involvement

Citizens' questions and concerns may be directed to the contact below. Also, the Administrative Record which contains all documents and information regarding the RCRA CA program for this facility are available for public review at the following location(s):

Virginia Department of Environmental Quality
629 East Main Street
Richmond, Virginia 23219

The FLA requires that the facility to conduct effective public involvement and that the facility develop a Community Relations Plan (CRP), which describes how the facility will conduct public involvement activities to inform the local community, the State (Commonwealth), and any other interested parties of activities throughout the corrective action process.

The EPA will issue a public notice of a tentative determination and solicit comments prior to making a final Agency determination regarding final corrective action remedies at the facility.

Government Contacts

The Commonwealth of Virginia DEQ has the lead authority for this project. Please contact the DEQ project manager listed below for details on this project or the contents of this fact sheet.

DEQ Project Manager

Ms. Angela Alonso
Department of Environmental Quality
629 East Main Street
Richmond, VA 23219
Phone: (804) 698-4328
Email: ajalonso@deq.virginia.gov

EPA Project Manager

Mr. Denis Zielinski - 3LC20
USEPA - Region 3
1650 Arch Street
Philadelphia, PA 19103-2029
Phone: (215) 814-3431
Email: zielinski.denis@epa.gov

For more information about EPA's CA program, including Environmental Indicators, please visit EPA's website at: www.epa.gov/reg3wcmd/correctiveaction.htm

Facility Contact

Mr. Charles Parker
Parker Oil Company
1428 West Danville Street
South Hill, VA 23970
Phone: (804)-233-8370
Email: Cparker@parkeroilcompany.com

Fact Sheet Update

The previous fact sheet was updated July 2008. The next fact sheet update is scheduled for July 2009. Previous fact sheets may be obtained through the listed DEQ contact.